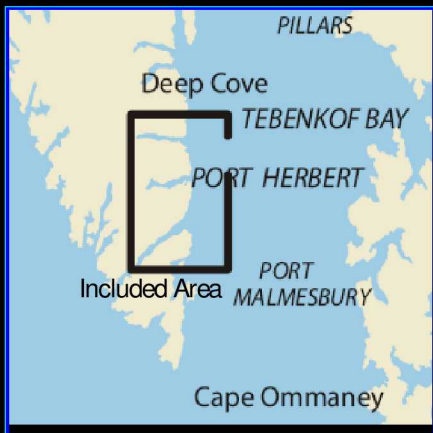


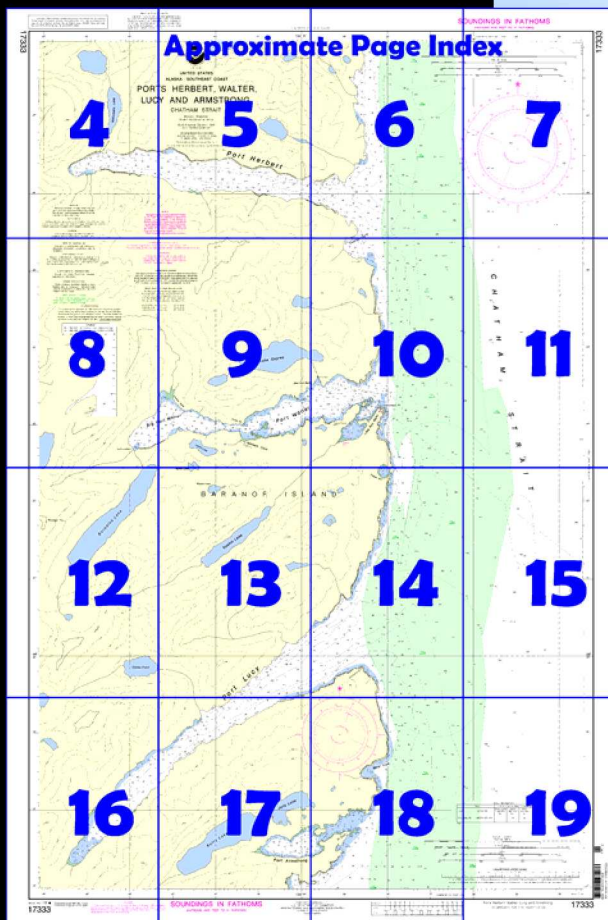
BookletChartTM

Ports Herbert, Walter, Lucy and Armstrong (NOAA Chart 17333)



A reduced scale NOAA nautical chart for small boaters. When possible, use the full size NOAA chart for navigation.

- ✓ Complete, reduced scale nautical chart
- ✓ Print at home for free
- ✓ Convenient size
- ✓ Up to date with all Notices to Mariners
- ✓ United States Coast Pilot excerpts
- ✓ Compiled by NOAA, the nation's chartmaker.



Home Edition (not for sale)

What are Nautical Charts?

Nautical charts are a fundamental tool of marine navigation. They show water depths, obstructions, buoys, other aids to navigation, and much more. The information is shown in a way that promotes safe and efficient navigation. Chart carriage is mandatory on the commercial ships that carry America's commerce. They are also used on every Navy and Coast Guard ship, fishing and passenger vessels, and are widely carried by recreational boaters.

What is a BookletChart™?

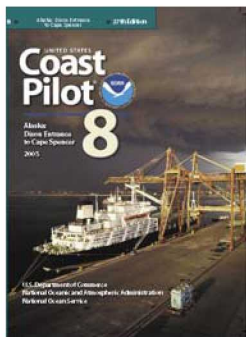
This BookletChart is made to help recreational boaters locate themselves on the water. It has been reduced in scale for convenience, but otherwise contains all the information of the full-scale nautical chart. The bar scales have also been reduced, and are accurate when used to measure distances in this BookletChart. See the Note at the bottom of page 5 for the reduction in scale applied to this chart.

Whenever possible, use the official, full scale NOAA nautical chart for navigation. Nautical chart sales agents are listed on the Internet at <http://www.NauticalCharts.NOAA.gov>.

This BookletChart does NOT fulfill chart carriage requirements for regulated commercial vessels under Titles 33 and 44 of the Code of Federal Regulations.

Notice to Mariners Correction Status

This BookletChart has been updated for chart corrections published in the U.S. Coast Guard Local Notice to Mariners, the National Geospatial Intelligence Agency Weekly Notice to Mariners, and, where applicable, the Canadian Coast Guard Notice to Mariners. Additional chart corrections have been made by NOAA in advance of their publication in a Notice to Mariners. The last Notices to Mariners applied to this chart are listed in the Note at the bottom of page 7. Coast Pilot excerpts are not being corrected.



[Coast Pilot 8, Chapter 10 excerpts]

(2) **Baranof Island**, about 90 miles long with a greatest width of about 22 miles, forms about one-third of the outer coastline of southeastern Alaska between Cape Muzon and Cape Spencer. The W coast from Cape Ommaney at Chatham Strait to Point Kakul at Peril Strait is about 80 miles. **Mt. Katlian**, 4,303 feet high, is in the N part of the island. The greater elevations are on the S part of the island.

(111) **Port Lucy** has its entrance on the W shore about 10.5 miles N of Cape Ommaney. The anchorage for large vessels is near the head, abreast a deep gulch on the NW side, in about 20 fathoms. Small vessels can go farther in and anchor in about 10 fathoms. From the head of the port low land extends through to the W side of Baranof Island at Puffin Bay, and

winds from those quarters may draw through in consequence, but without any sea. The port is easy of access and apparently has no dangers.

(112) **Toledo Harbor** is a small, horseshoe-shaped bay with depths of 3¼ to 8 fathoms, mud bottom, which is 12.7 miles N of Cape Ommaney and about 0.9 mile S of Port Walter Light 5. It is used considerably by small local fishing craft. It has an entrance about 75 yards wide with a midchannel depth of 5 fathoms. The NE part of the harbor is shoal.

(113) **Port Walter** has its entrance about 14 miles N of Cape Ommaney and 9 miles S of Patterson Point. **Port Walter Light** (56°23'15"N., 134°38'11"W.), 20 feet (6.1 m) above the water and shown from a skeleton tower with a red and white diamond-shaped daymark, is on the S point at the entrance. Near the head of Port Walter, a little S of midchannel, is a wooded islet. A high-water rocky islet, from which a reef extends in a N direction into the channel, is 50 yards N of the wooded islet. Anchorage in 11 to 14 fathoms, sandy bottom, can be had between the islet and the N shore.

(114) **Little Port Walter**, W of the S entrance point, consists of an inner and outer harbor with a narrow connecting channel. A flat, grass-covered rock and two wooded islets are on the W side of the entrance. The National Marine Fisheries Service Laboratory on the NW side of the port 0.5 mile SW of Port Walter Light 5 is prominent at the entrance to the port. This building and another nearby dwelling appear as one large white building. A small bridge that crosses the stream at the head of the port is also prominent.

(115) The narrow channel, connecting the inner and outer harbors, has a width of about 30 yards with a depth of 3¼ fathoms and is subject to shoaling. Vessels should enter the port between half and high tide only and preferably on a rising tide. They should pass along the SE side of the channel and make a slow turn to enter the inner harbor. Too sharp a turn may throw the stern into shoal water.

(116) Good protected anchorage for small craft can be had in the inner harbor in 6 to 8 fathoms, mud bottom. The current in the entrance to the outer harbor is estimated to be 1 knot. SW winds draw down the creek at the head of the inner harbor, but no other winds are felt. A 47-foot warehouse dock is near the tip of the small point about 300 yards SW of the narrow connecting channel. A 90-foot float with an incubation pen at its outer end extends SW from a small point about 100 yards NE of the previously mentioned point.

(117) Radiotelephone communication is maintained with other parts of Alaska and with other States.

(118) **New Port Walter** is at the head of a small cove on the N side and about 0.8 mile from the entrance to Port Walter. A stream, with a flat at its entrance, is at the head of the cove. A rock, bare at extreme tide, is close to the E entrance point to the cove. A rock, bare at high water, is off the W point of the cove, with a reef that extends part way from the shore.

(119) **Big Port Walter**, a basin with depths 22 to 55 fathoms, is entered through a narrow passage 0.4 mile long leading from the anchorage W of the wooded islet. The passage is almost straight, with a depth of 34 fathoms in midchannel at its narrowest part. The maximum current in the entrance is estimated to be 2 knots. A large stream enters in the N part, and two streams empty in the SW part of the bay. One of the latter is a cascade from a lake about 800 feet high. The shores are steep-to, and there are apparently no dangers. The basin is too deep for good anchorage and freezes in winter. With an accumulation of snow, the ice becomes 8 to 10 feet thick during severe winters and lasts almost until spring.

(120) The ruins of a wharf are at the head of Big Port Walter; caution is advised.

(121) **Port Herbert** has its entrance about 16.5 miles N of Cape Ommaney and 6.5 miles S of Patterson Point. The water is too deep for anchorage, and there are apparently no dangers. There are no islets or rocks at its entrance, which distinguishes it from Port Walter.

Table of Selected Chart Notes

Corrected through NM Nov. 03/07
Corrected through LNM Oct. 23/07

Mercator Projection
Scale 1:20,000 at Lat. 56°23'

North American Datum of 1983
(World Geodetic System 1984)

SOUNDINGS IN FATHOMS
(FATHOMS AND FEET TO ELEVEN FATHOMS)
AT MEAN LOWER LOW WATER

For Symbols and Abbreviations see Chart No. 1

HEIGHTS
Elevations of rocks, bridges, landmarks and lights are in feet and refer to Mean High Water. Contour and summit elevation values are in feet and refer to Mean Sea Level.

SUPPLEMENTAL INFORMATION
Consult U.S. Coast Pilot 8 for important supplemental information.

AIDS TO NAVIGATION
Consult U.S. Coast Guard Light List for supplemental information concerning aids to navigation.

NOTE A
Navigation regulations are published in Chapter 2, U.S. Coast Pilot 8. Additions or revisions to Chapter 2 are published in the Notice to Mariners. Information concerning the regulations may be obtained at the Office of the Commander, 17th Coast Guard District in Juneau, Alaska, or at the Office of the District Engineer, Corps of Engineers in Anchorage, Alaska.
Refer to charted regulation section numbers.

RADAR REFLECTORS
Radar reflectors have been placed on many floating aids to navigation. Individual radar reflector identification on these aids has been omitted from this chart.

WARNING
The prudent mariner will not rely solely on any single aid to navigation, particularly on floating aids. See U.S. Coast Guard Light List and U.S. Coast Pilot for details.

CAUTION
Temporary changes or defects in aids to navigation are not indicated on this chart. See Local Notice to Mariners.

WIRE DRAGGED AREAS
The area tinted green was swept in 1926 for previously undetected dangers to navigation. All dangers found are shown on this chart.

NOAA WEATHER RADIO BROADCASTS
The National Weather Service stations listed below provide continuous weather broadcasts. The reception range is typically 20 to 40 miles from the antenna site, but can be as much as 100 nautical miles for stations at high elevations.

Mt. McArthur, AK KZZ-95 162.525 MHz
Sukkwani I, AK KZZ-89 162.425 MHz
Cape Fanshaw, AK KZZ-88 162.425 MHz

POLLUTION REPORTS
Report all spills of oil and hazardous substances to the National Response Center via 1-800-424-8802 (toll free), or to the nearest U.S. Coast Guard facility if telephone communication is impossible (33 CFR 153).

PRINT-ON-DEMAND CHARTS
This chart is available in a version updated weekly by NOAA for Notices to Mariners and critical corrections. Charts are printed when ordered using Print-on-Demand technology. New Editions are available 5-8 weeks before their release as traditional NOAA charts. Ask your chart agent about Print-on-Demand charts.

Additional information can be obtained at nauticalcharts.noaa.gov

AUTHORITIES
Hydrography and topography by the National Ocean Service, Coast Survey, with additional data from the Corps of Engineers, and U.S. Coast Guard and Canadian Hydrographic Service.

SOURCE DIAGRAM
The outlined areas represent the limits of the most recent hydrographic survey information that has been evaluated for charting. Surveys have been banded in this diagram by date and type of survey. Channels maintained by the U.S. Army Corps of Engineers are periodically resurveyed and are not shown on this diagram. Refer to Chapter 1, United States Coast Pilot.

HORIZONTAL DATUM
The horizontal reference datum of this chart is North American Datum of 1983 (NAD 83), which for charting purposes is considered equivalent to the World Geodetic System 1984 (WGS 84). Geographic positions referred to the North American Datum of 1927 must be corrected an average of 1.327" southward and 6.330" westward to agree with this chart.

COLREGS, 80.1705 (see note A)
International Regulations for Preventing Collisions at Sea, 1972.
The entire area of this chart falls seaward of the COLREGS Demarcation Line.

This nautical chart has been designed to promote safe navigation. The National Ocean Service encourages users to submit corrections, additions, or comments for improving this chart to the Chief, Marine Chart Division (N/CS2), National Ocean Service, NOAA, Silver Spring, Maryland 20910-3282.

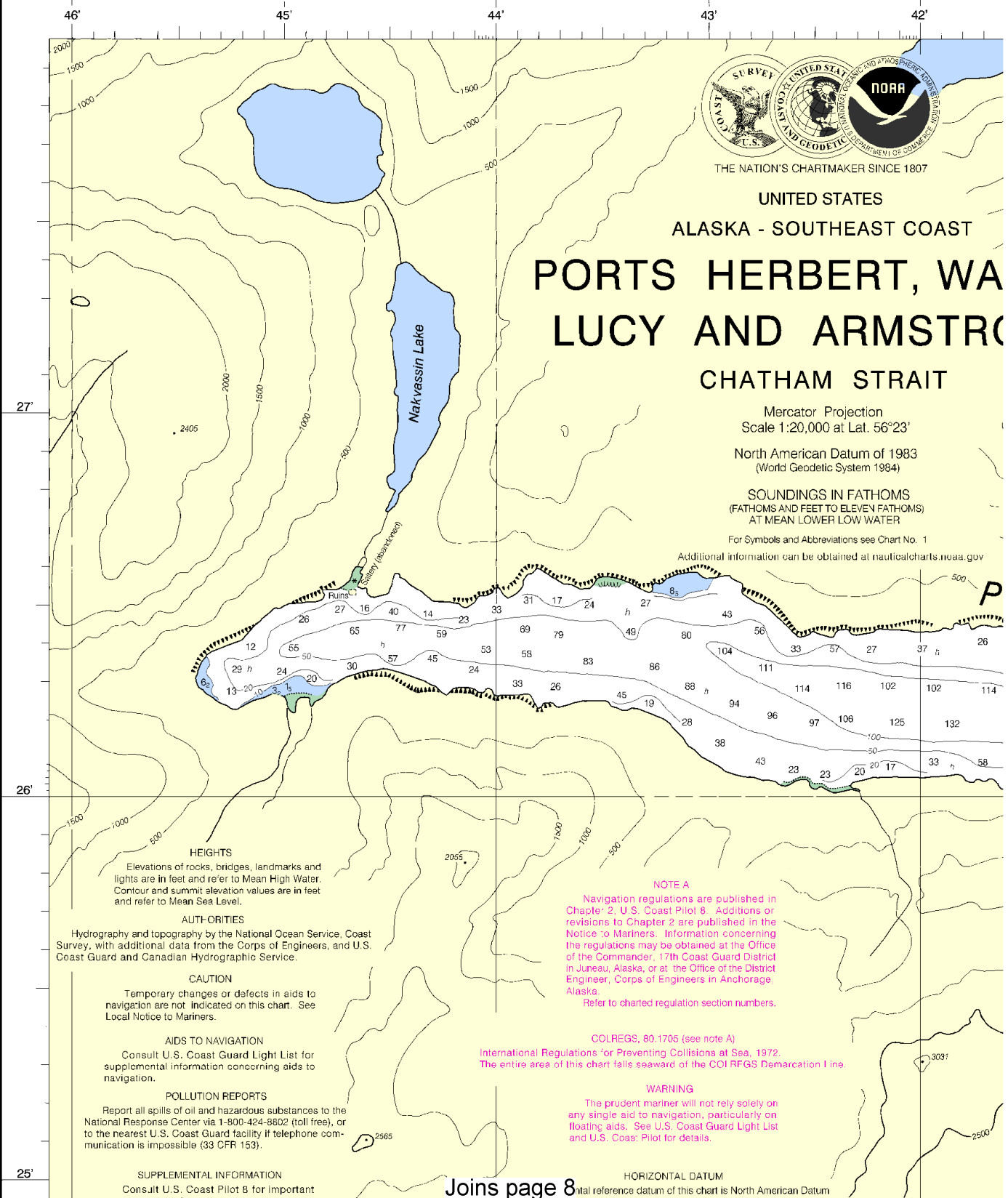
TIDAL INFORMATION				
PLACE		Height referred to datum of soundings (MLLW)		
NAME	(LAT/LONG)	Mean Higher High Water	Mean High Water	Mean Low Water
Port Walter, AK	(56°23' N/134°40' W)	feet 11.5	feet 10.6	feet 1.5
Dashes (- -) located in datum columns indicate unavailable datum values for a tide station. Real-time water levels, tide predictions, and tidal current predictions are available on the Internet from http://tidesandcurrents.noaa.gov . (Oct 2007)				

This nautical chart has been designed to promote safe navigation. The National Ocean Service encourages users to submit corrections, additions, or comments for improving this chart to the Chief, Marine Chart Division (N/CS2), National Ocean Service, NOAA, Silver Spring, Maryland 20910-3282.

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17333



4



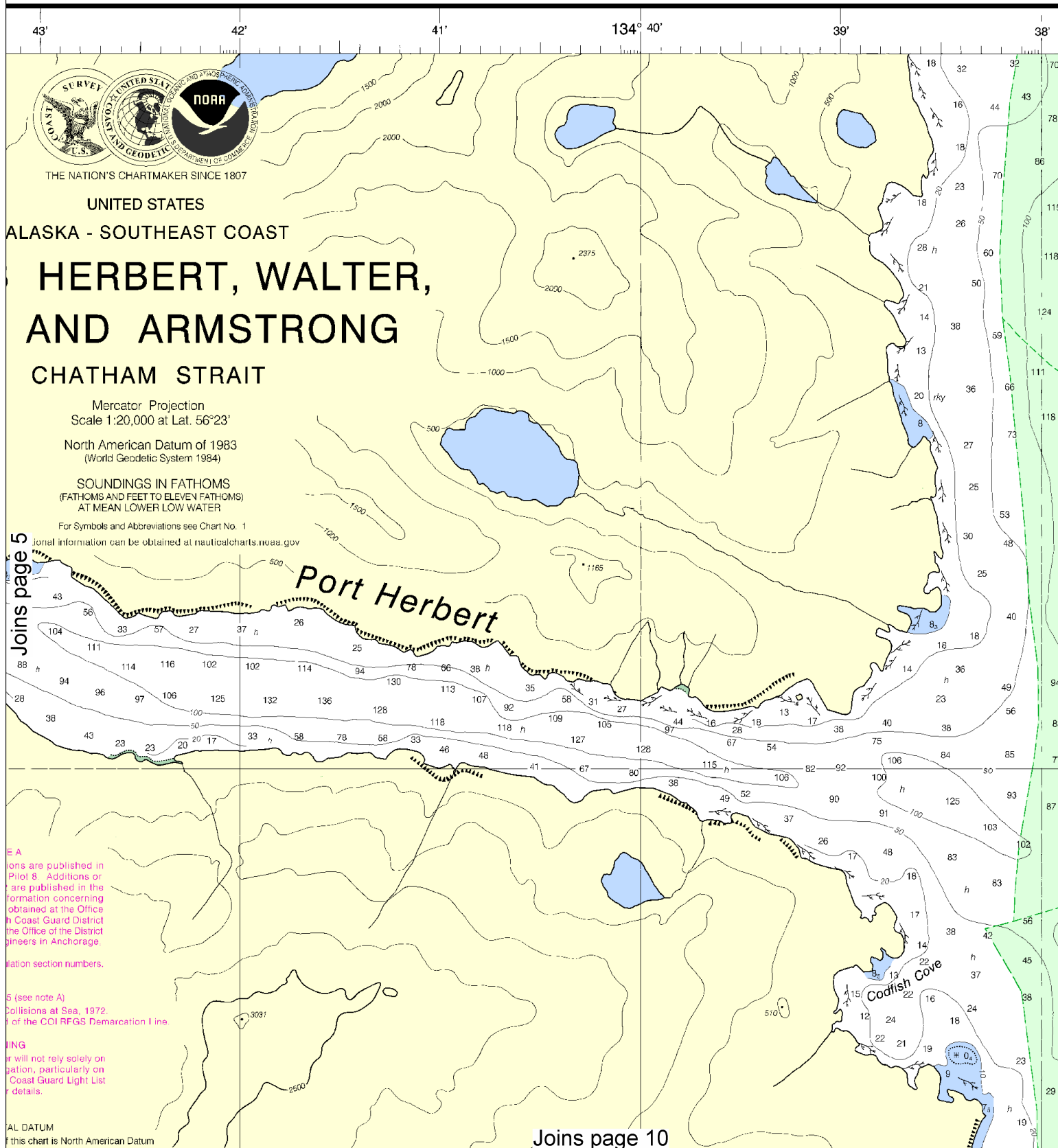
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SCALE 1:20,000
Nautical Miles

See Note on page 5.



5



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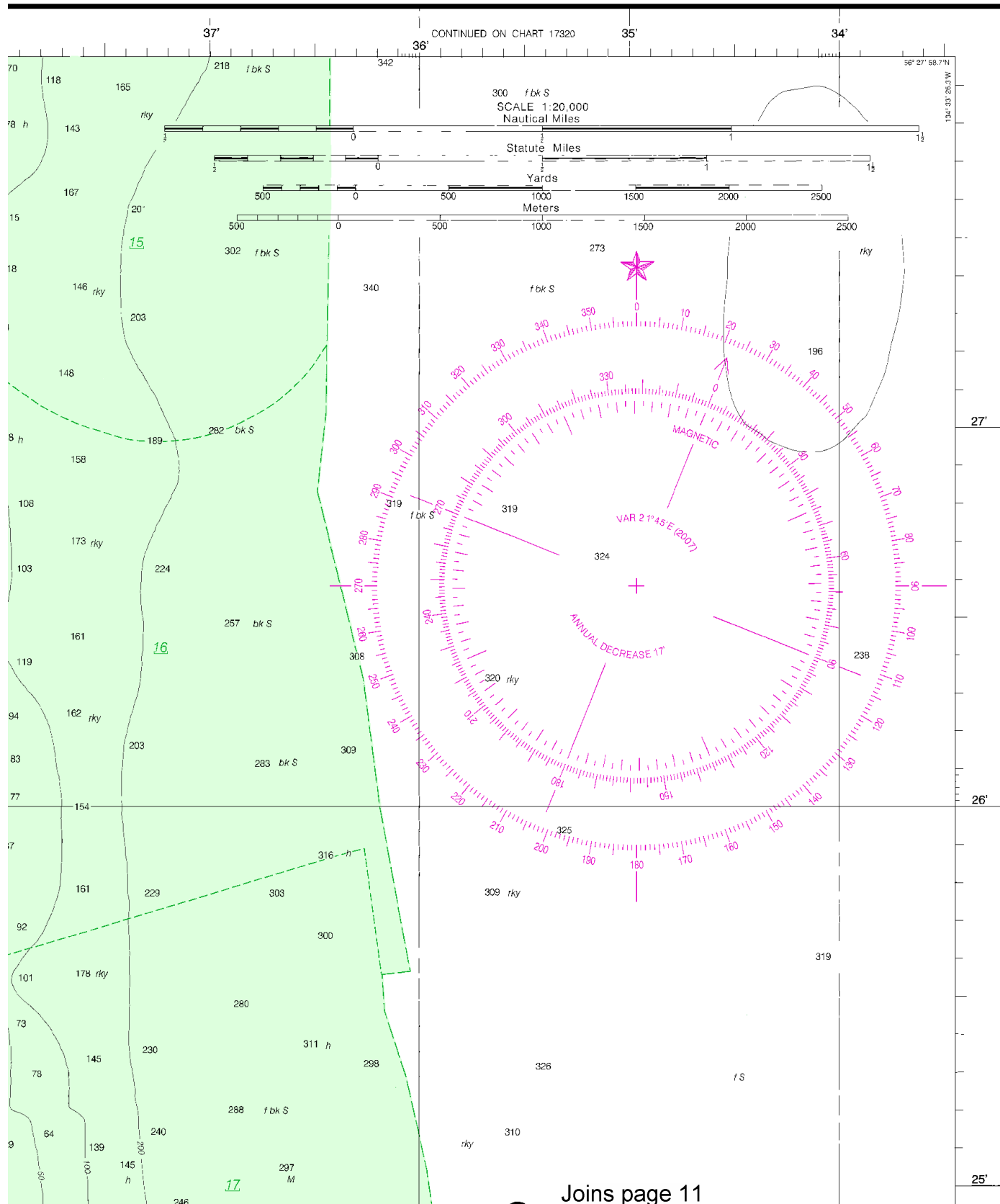
~~SCALE 1:20,000~~
Nautical Miles

See Note on page 5.

Yards

(FATHOMS AND FEET TO 11 FATHOMS)

17333



This BookletChart has been updated with: Coast Guard Local Notice To Mariners: 0710 2/16/2010,
NGA Weekly Notice to Mariners: 0910 2/27/2010,
Canadian Coast Guard Notice to Mariners: 0909 9/25/2009.

7

CAUTION

Temporary changes or defects in aids to navigation are not indicated on this chart. See Local Notice to Mariners.

AIDS TO NAVIGATION

Consult U.S. Coast Guard Light List for supplemental information concerning aids to navigation.

POLLUTION REPORTS

Report all spills of oil and hazardous substances to the National Response Center via 1-800-424-8802 (toll free), or to the nearest U.S. Coast Guard facility if telephone communication is impossible (33 CFR 153).

SUPPLEMENTAL INFORMATION

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RADAR REFLECTORS

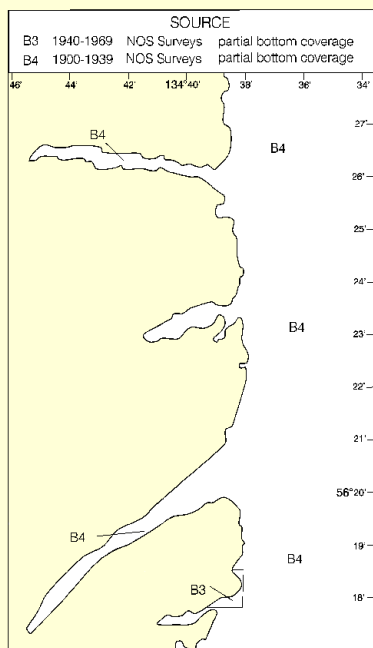
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WIRE DRAGGED AREAS

The area tinted green was swept in 1926 for previously undetected dangers to navigation. All dangers found are shown on this chart.

SOURCE DIAGRAM

The outlined areas represent the limits of the most recent hydrographic survey information that has been evaluated for charting. Surveys have been banded in this diagram by date and type of survey. Channels maintained by the U.S. Army Corps of Engineers are periodically resurveyed and are not shown on this diagram. Refer to Chapter 1, *United States Coast Pilot*.



of the Commander, 17th Coast Guard District in Juneau, Alaska, or at the Office of the District Engineer, Corps of Engineers in Anchorage, Alaska.

Refer to charted regulation section numbers.

COLREGS, 80.1705 (see note A)

International Regulations for Preventing Collisions at Sea, 1972.

The entire area of this chart falls seaward of the COLREGS Demarcation Line.

WARNING

The prudent mariner will not rely solely on any single aid to navigation, particularly on floating aids. See U.S. Coast Guard Light List and U.S. Coast Pilot for details.

HORIZONTAL DATUM

The horizontal reference datum of this chart is North American Datum of 1983 (NAD 83), which for charting purposes is considered equivalent to the World Geodetic System 1984 (WGS 84). Geographic positions referred to the North American Datum of 1927 must be corrected an average of 1.327" southward and 6.330" westward to agree with this chart.

NOAA WEATHER RADIO BROADCASTS

The National Weather Service stations listed below provide continuous weather broadcasts. The reception range is typically 20 to 40 miles from the antenna site, but can be as much as 100 nautical miles for stations at high elevations.

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Sukkwan I. AK KZZ-89 162.425 MHz
Cape Fanshaw, AK KZZ-88 162.425 MHz

Joins page 12

8



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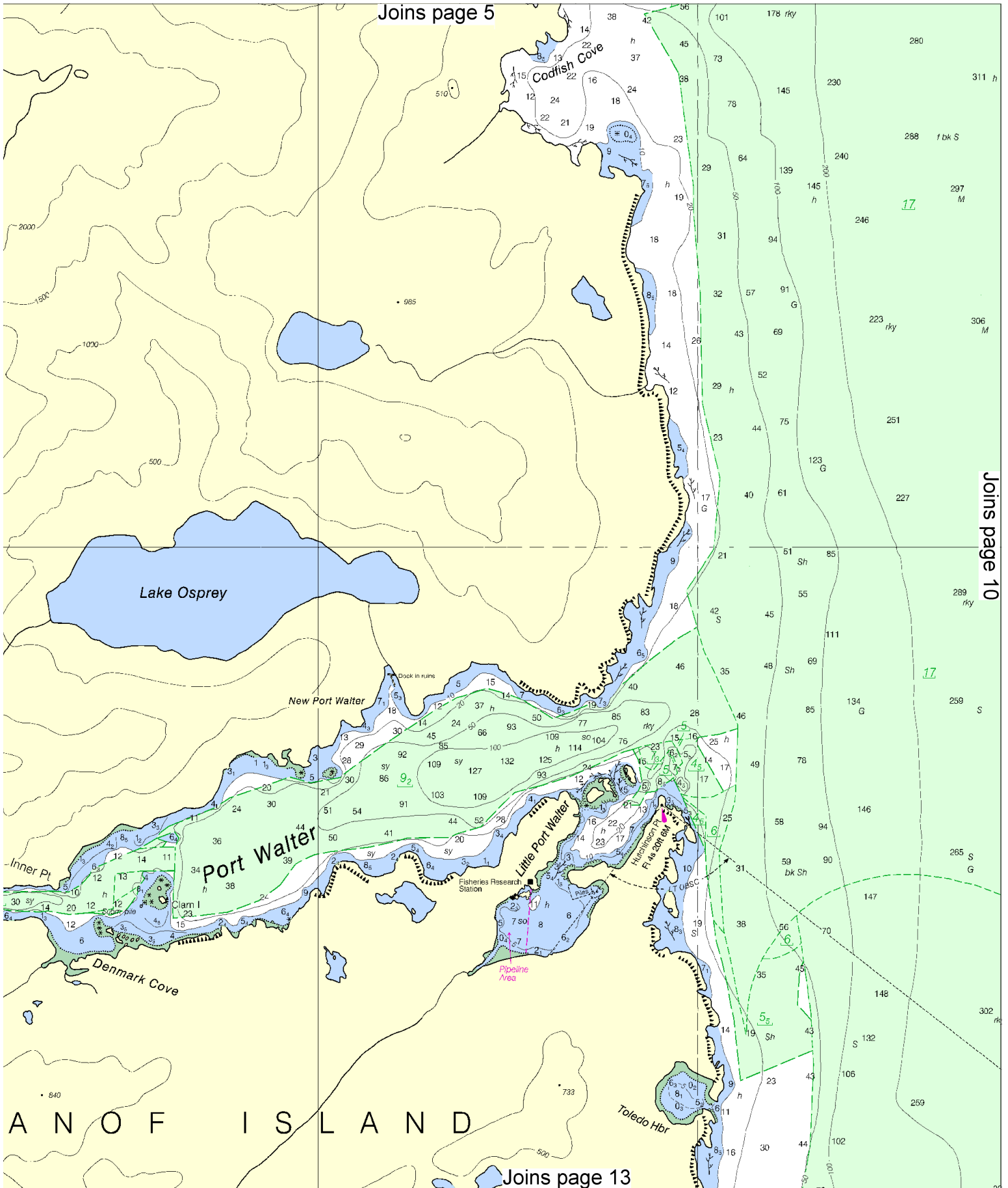
SCALE 1:20,000
Nautical Miles

See Note on page 5.



Joins page 5

Joins page 10



U.S. Coast Guard District
the Office of the District
Engineers in Anchorage.

Station section numbers.

5 (see note A)
Collisions at Sea, 1972.
of the COI RFGS Demarcation Line.

WARNING
You will not rely solely on
this chart, particularly on
Coast Guard Light List
details.

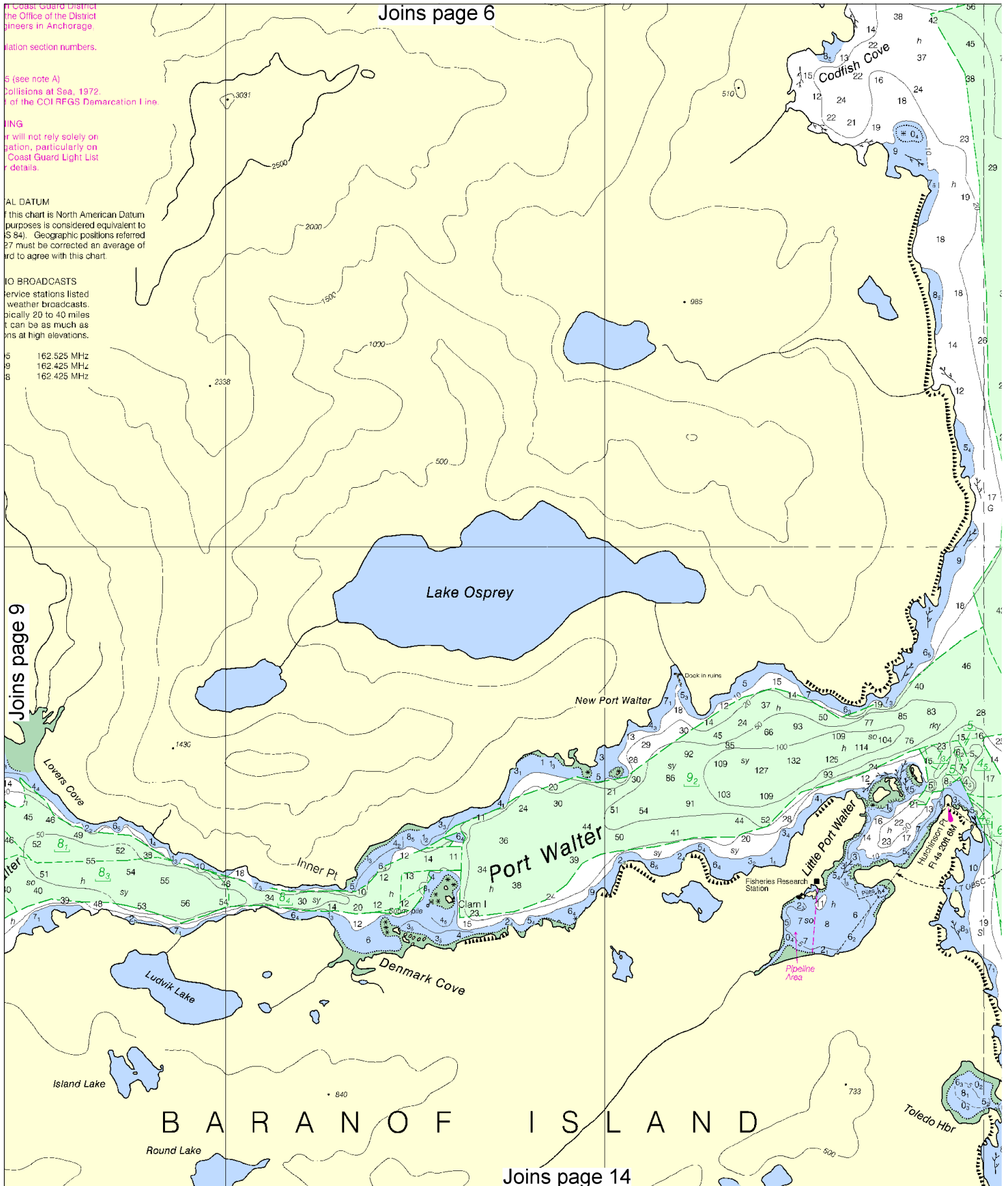
AL DATUM
This chart is North American Datum
purposes is considered equivalent to
S 84). Geographic positions referred
to must be corrected an average of
17 to agree with this chart.

NO BROADCASTS
Service stations listed
weather broadcasts.
typically 20 to 40 miles
it can be as much as
miles at high elevations.

5 162.525 MHz
9 162.425 MHz
8 162.425 MHz

Joins page 6

Joins page 9



Joins page 14

10



Printed at reduced scale.

SCALE 1:20,000
Nautical Miles

See Note on page 5.



C H A T H A M
313 rky 325 rky

326
rky

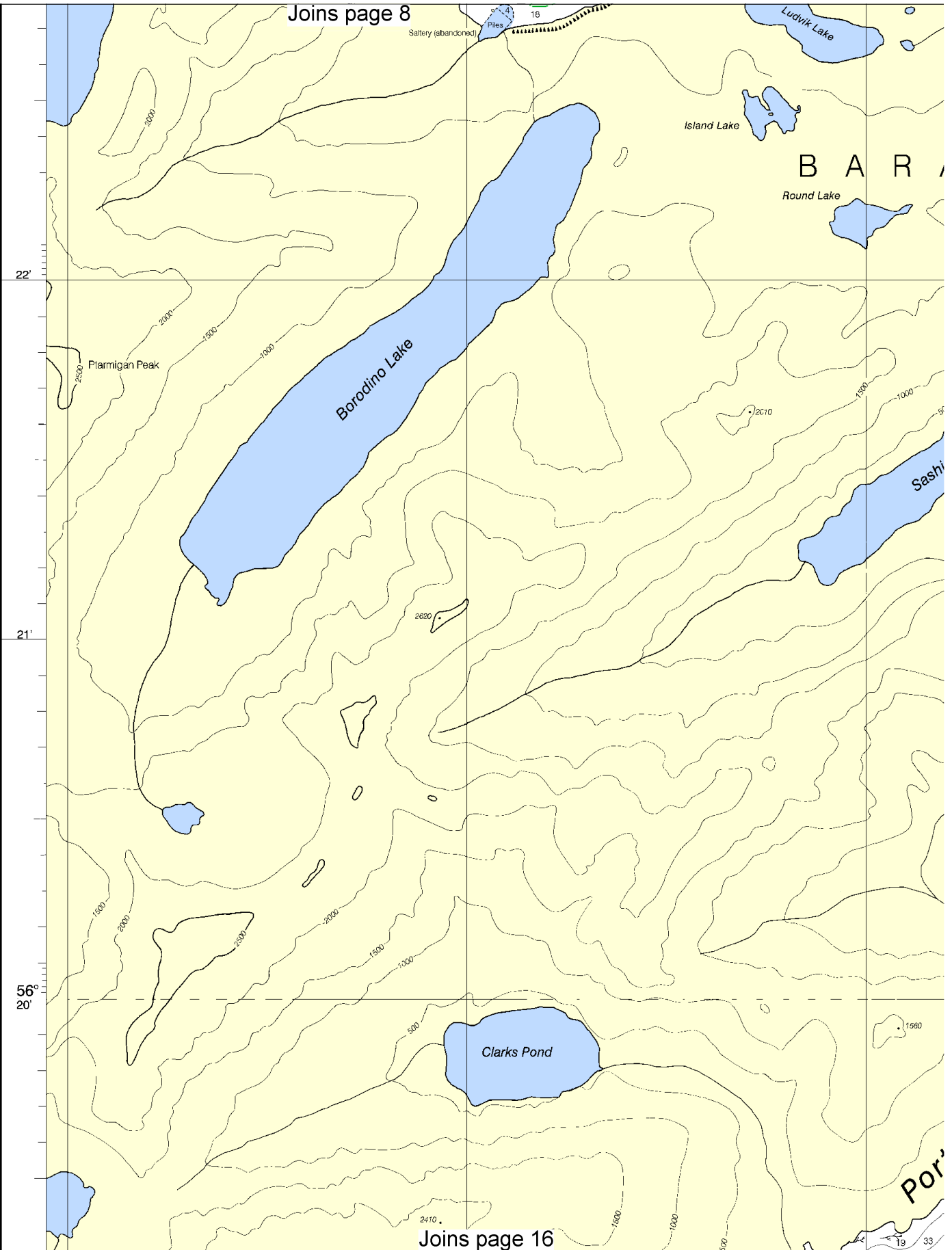
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308

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CONTINUED ON CHART 17320

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Joins page 16

12

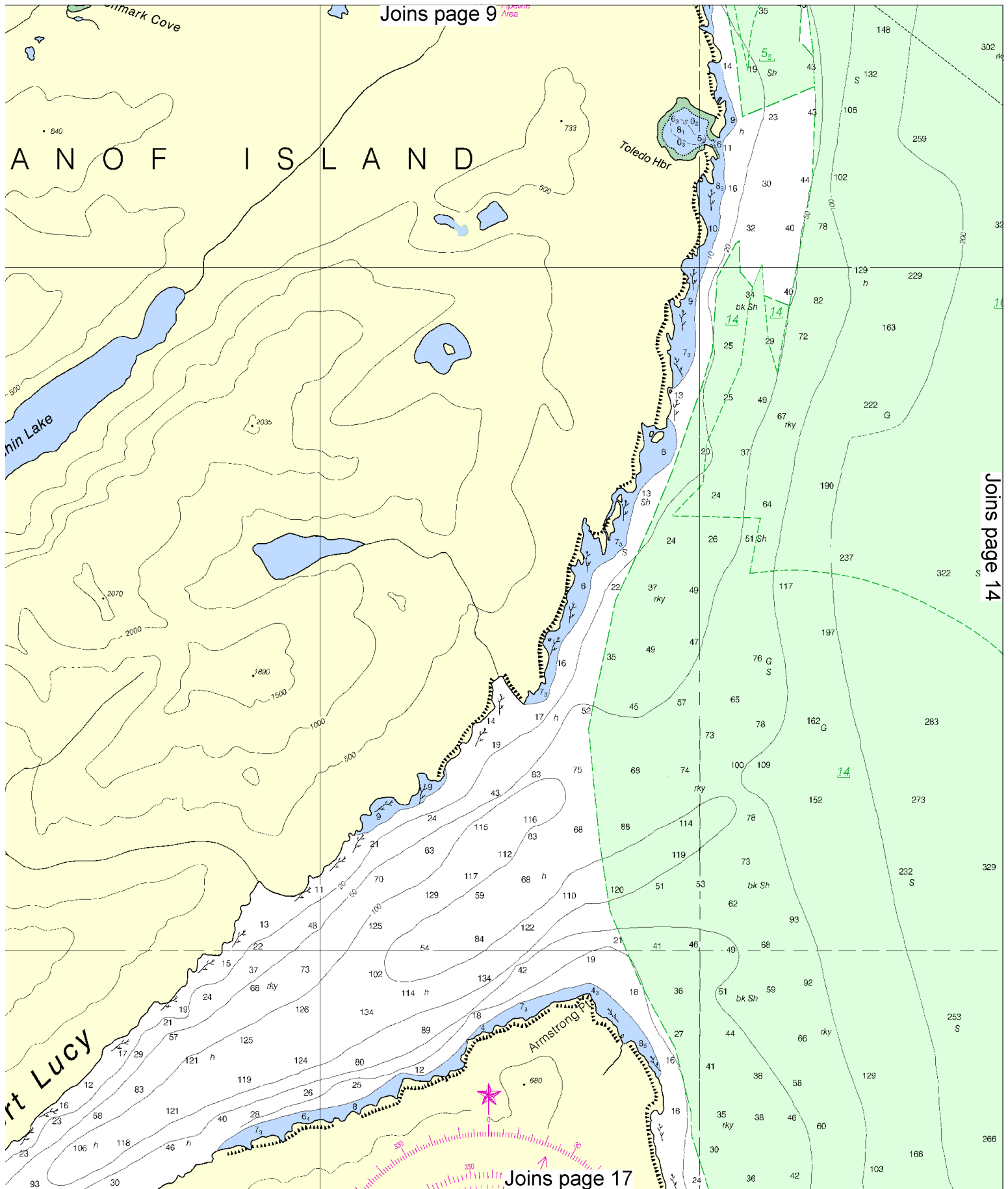


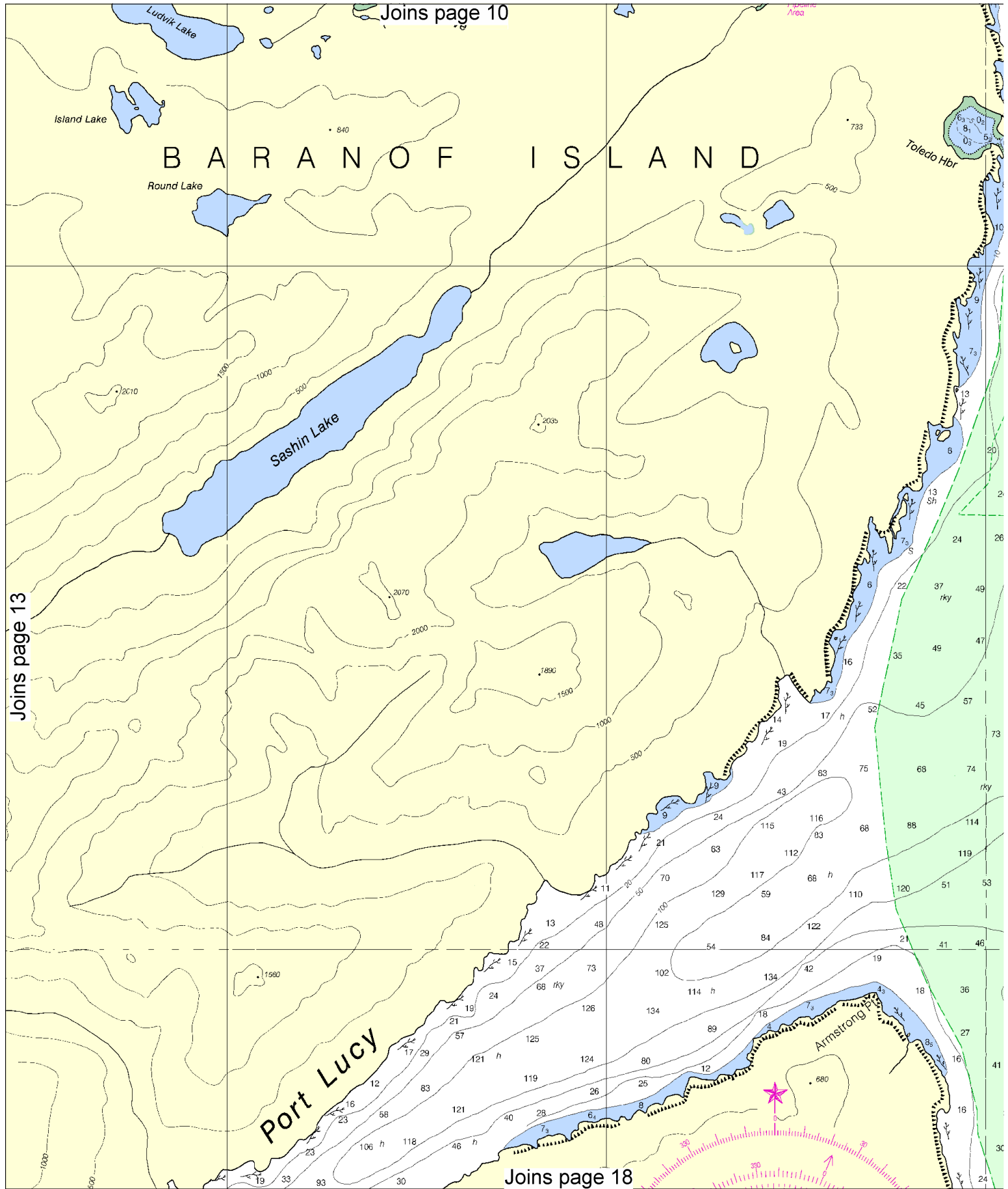
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SCALE 1:20,000
Nautical Miles

See Note on page 5.







14

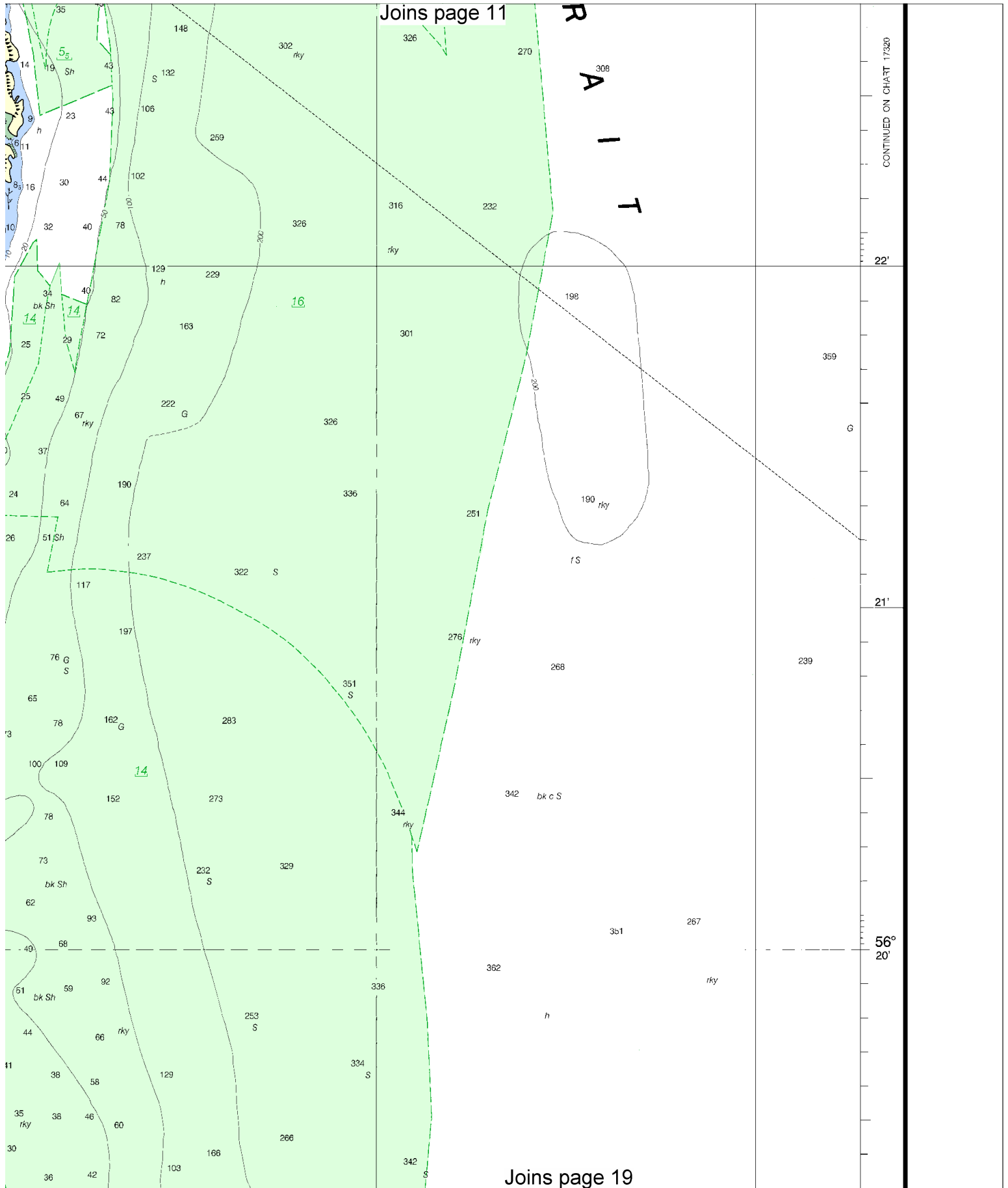


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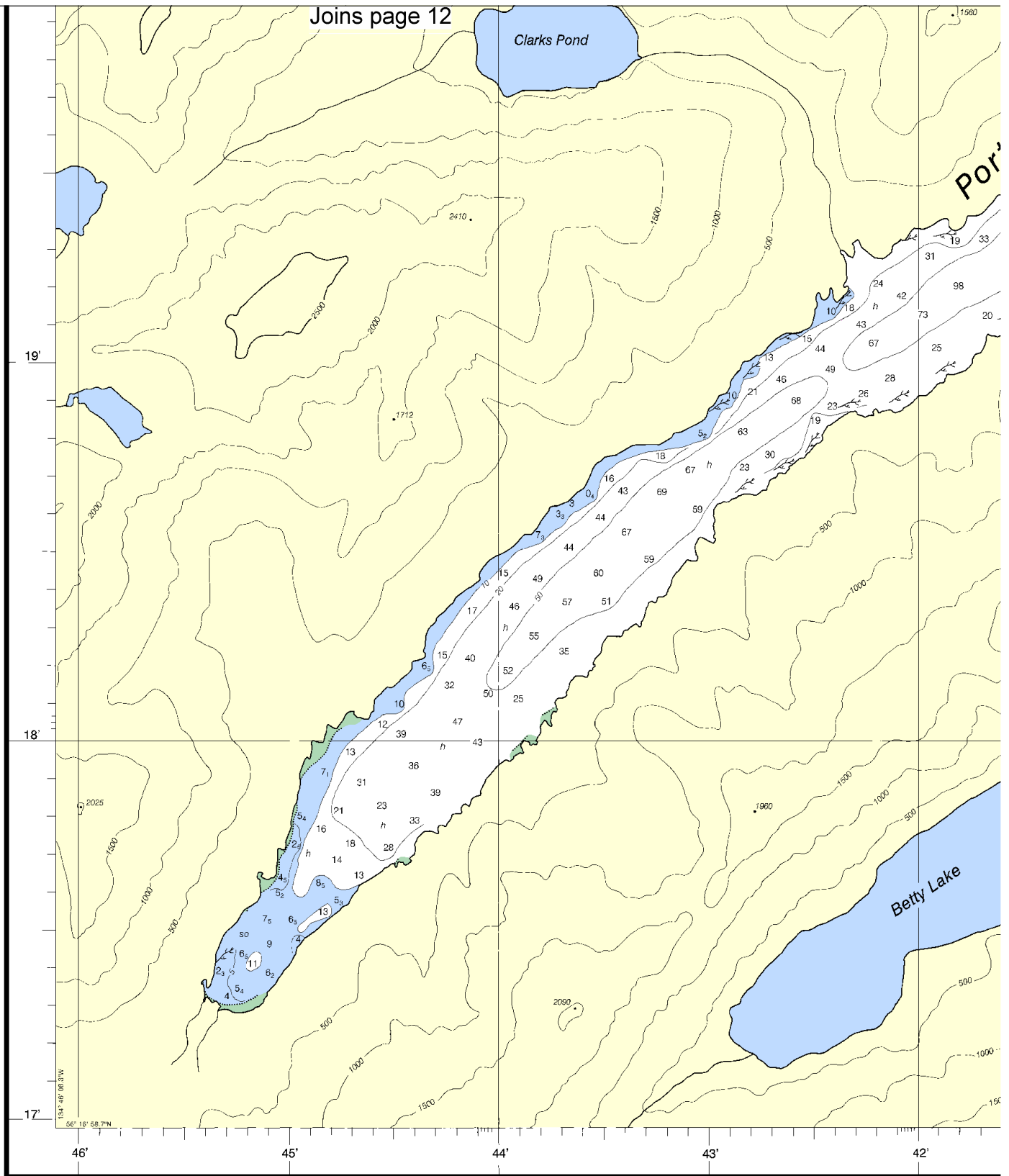
SCALE 1:20,000
Nautical Miles

See Note on page 5.





Joins page 12



9th Ed., Nov. / 07 ■ Corrected through NM Nov. 03/07
Corrected through LNM Oct. 23/07

17333

CAUTION
This chart has been corrected from the Notice to Mariners (NM) published weekly by the National Geospatial-Intelligence Agency and the Local Notice to Mariners (LNM) issued periodically by each U.S. Coast Guard district to the dates shown in the lower left hand corner. Chart updates corrected from Notice to Mariners published after the dates shown in the lower left hand corner are available at nauticalcharts.noaa.gov

SOUNDINGS IN F
(FATHOMS AND FEET TO 11 F)

16

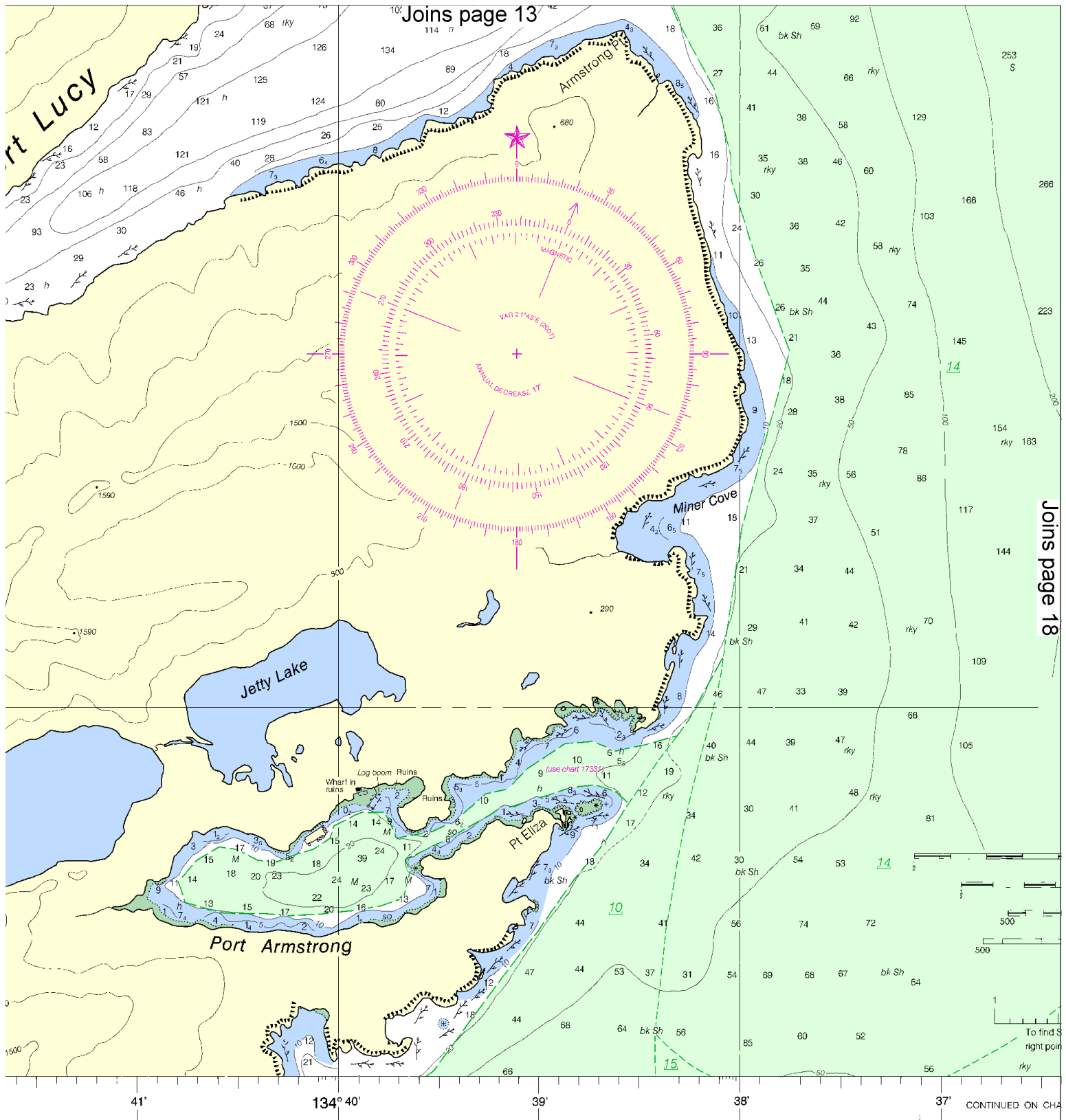


Printed at reduced scale.

SCALE 1:20,000
Nautical Miles

See Note on page 5.





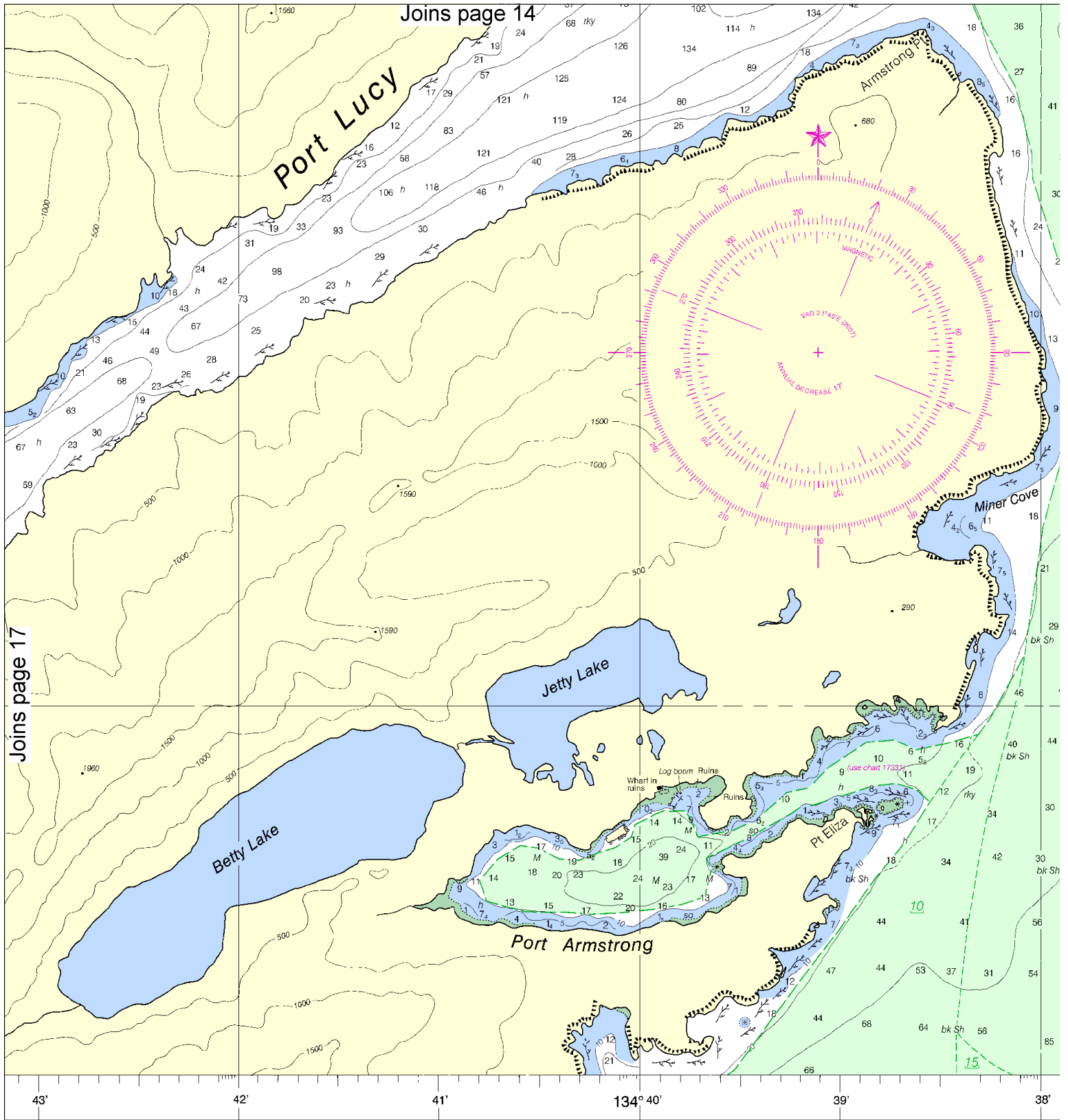
Joins page 13

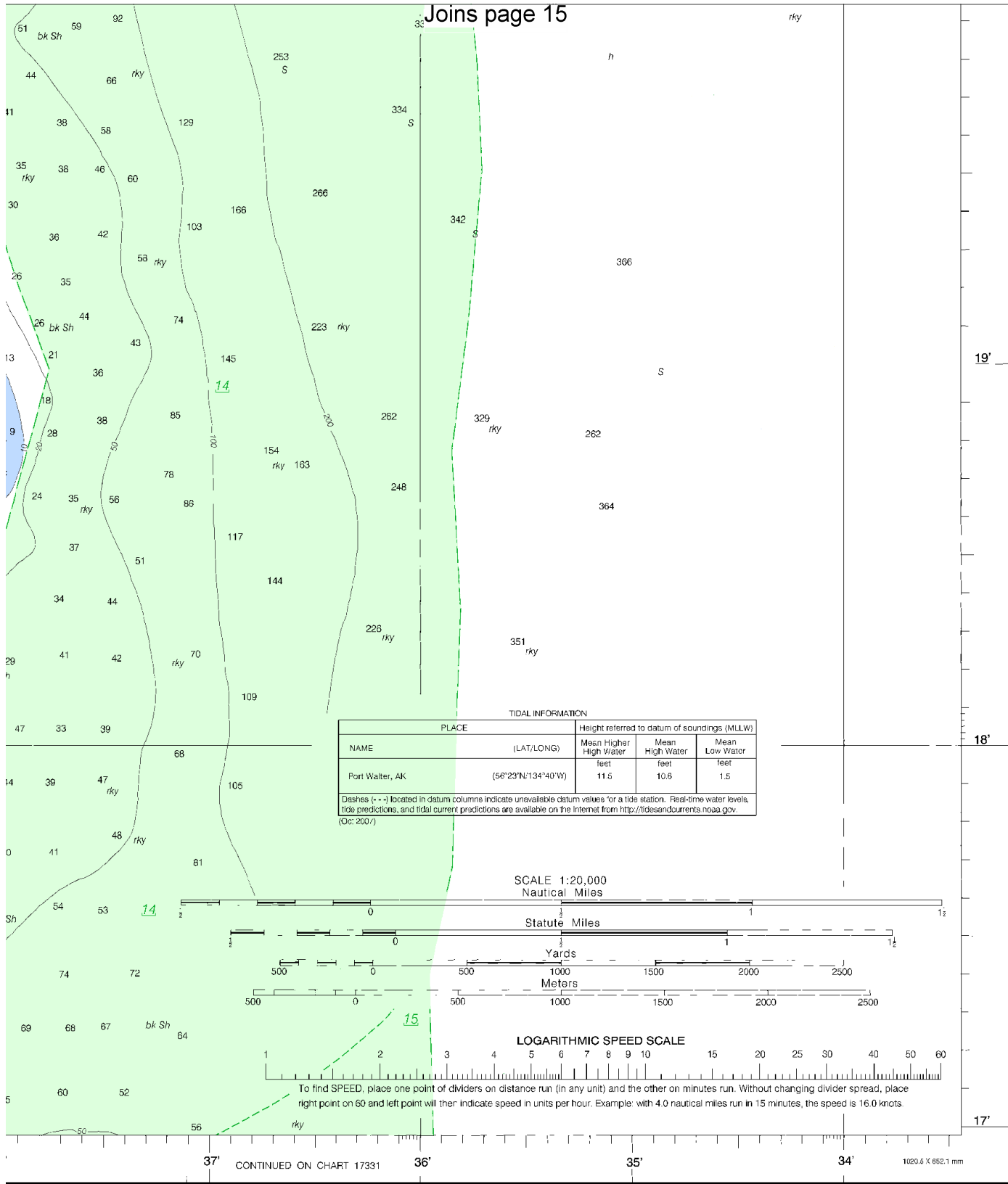
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FATHOMS
FATHOMS)

Published at Washington, D.C.
U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SERVICE
COAST SURVEY

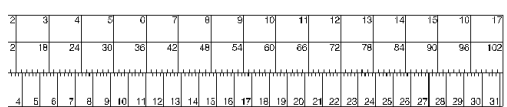
FATHOMS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FEET	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90
METERS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15





ED NO. 9

NSN 7642014011436
NGA REFERENCE NO. 17XHA17333



Ports Herbert, Walter, Lucy and Armstrong
SOUNDINGS IN FATHOMS - SCALE 1:20,000

17333

EMERGENCY INFORMATION

VHF Marine Radio channels for use on the waterways:

Channel 6 – Inter-ship safety communications.

Channel 9 – Communications between boats and ship-to-coast.

Channel 13 – Navigation purposes at bridges, locks, and harbors.

Channel 16 – Emergency, distress and safety calls to Coast Guard and others, and to initiate calls to other vessels. Contact the other vessel, agree to another channel, and then switch.

Channel 22A – Calls between the Coast Guard and the public. Severe weather warnings, hazards to navigation and safety warnings are broadcast here.

Channels 68, 69, 71, 72 & 78A – Recreational boat channels.

Distress Call Procedures

1. Make sure radio is on.
2. Select Channel 16.
3. Press/Hold the transmit button.
4. Clearly say: "MAYDAY, MAYDAY, MAYDAY."
5. Also give: Vessel Name and/or Description; Position and/or Location; Nature of Emergency; Number of People on Board.
6. Release transmit button.
7. Wait for 10 seconds – If no response Repeat MAYDAY Call.

HAVE ALL PERSONS PUT ON LIFE JACKETS !!

Mobile Phones – Call 911 for water rescue.

Coast Guard Search & Rescue (Pacific Coord) – 510-437-3700

Coast Guard Search & Rescue (RCC Juneau) – 907-463-2000

NOAA Weather Radio – 162.400 MHz, 162.425 MHz, 162.450 MHz, 162.475 MHz, 162.500 MHz, 162.525 MHz, 162.550 MHz.

Getting and Giving Help – Signal other boaters using visual distress signals (flares, orange flag, lights, arm signals); whistles; horns; and on your VHF radio. You are required by law to help boaters in trouble. Respond to distress signals, but do not endanger yourself.



NOAA CHARTING PUBLICATIONS

Official NOAA Nautical Charts – NOAA surveys and charts the national and territorial waters of the U.S, including the Great Lakes. We produce over 1,000 traditional nautical charts covering 3.4 million square nautical miles. Carriage of official NOAA charts is mandatory on the commercial ships that carry our commerce. They are used on every Navy and Coast Guard ship, fishing and passenger vessels, and are widely carried by recreational boaters. NOAA charts are available from official chart agents listed at: www.NauticalCharts.NOAA.gov.

Official Print-on-Demand Nautical Charts – These full-scale NOAA charts are updated weekly by NOAA for all Notice to Mariner corrections. They have additional information added in the margin to supplement the chart. Print-on-Demand charts meet all federal chart carriage regulations for charts and updating. Produced under a public/private partnership between NOAA and OceanGrafix, LLC, suppliers of these premium charts are listed at www.OceanGrafix.com.

Official Electronic Navigational Charts (NOAA ENC[®]) – ENC[®]s are digital files of each chart's features and their attributes for use in computer-based navigation systems. ENC[®]s comply with standards of the International Hydrographic Organization. ENC[®]s and their updates are available for free from NOAA at www.NauticalCharts.NOAA.gov.

Official Raster Navigational Charts (NOAA RNC[™]) – RNC[™]s are geo-referenced digital pictures of NOAA's charts that are suitable for use in computer-based navigation systems. RNC[™]s comply with standards of the International Hydrographic Organization. RNC[™]s and their updates are available for free from NOAA at www.NauticalCharts.NOAA.gov.

Official BookletCharts[™] – BookletCharts[™] are reduced scale NOAA charts organized in page-sized pieces. The "Home Edition" can be downloaded from NOAA for free and printed. The Internet address is www.NauticalCharts.gov/bookletcharts.

Official PocketCharts[™] – PocketCharts[™] are for beginning recreational boaters to use for planning and locating, but not for real navigation. Measuring a convenient 13" by 19", they have a 1/3 scale chart on one side, and safety, boating, and educational information on the reverse. They can be purchased at retail outlets and on the Internet.

Official U.S. Coast Pilot[®] – The Coast Pilots are 9 text volumes containing information important to navigators such as channel descriptions, port facilities, anchorages, bridge and cable clearances, currents, prominent features, weather, dangers, and Federal Regulations. They supplement the charts and are available from NOAA chart agents or may be downloaded for free at www.NauticalCharts.NOAA.gov.

Official On-Line Chart Viewer – All NOAA nautical charts are viewable here on-line using any Internet browser. Each chart is up-to-date with the most recent Notices to Mariners. Use these on-line charts as a ready reference or planning tool. The Internet address is www.NauticalCharts.gov/viewer.

Official Nautical Chart Catalogs – Large format, regional catalogs are available for free from official chart agents. Page size, state catalogs are posted on the Internet and can be printed at home for free. Go to <http://NauticalCharts.NOAA.gov/mcd/ccatalogs.htm>.

Internet Sites: www.NauticalCharts.NOAA.gov, www.NOAA.gov, www.TidesandCurrents.NOAA.gov, www.NOS.NOAA.gov.